

DERWENT-ACC-NO: 1992-038965

DERWENT-WEEK: 199205

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TITLE: Injection moulded prod. e.g. car bumper, container,
housing - made of thermoplastic (elastomer) of
thermosetting resin, with thicker part of moulding made
hollow to prevent sink mark, reduce wt. etc.

PATENT-ASSIGNEE: ASAHI CHEM IND CO LTD[ASAH]

PRIORITY-DATA: 1990JP-0088268 (April 4, 1990)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|----------|
| JP 03286815 A | December 17, 1991 | N/A | 000 | N/A |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|--------------|-----------------|----------------|---------------|
| JP 03286815A | N/A | 1990JP-0088268 | April 4, 1990 |

INT-CL (IPC): B29C045/00, B29L022/00

ABSTRACTED-PUB-NO: JP 03286815A

BASIC-ABSTRACT:

A thick section structure in appearance is formed in at least one spot. The interior of the thick section structure forms a hollow part. Thermoplastic resin, a thermoplastic elastomer, and thermosetting resin are used as molten resin used for injection-moulded prod.

USE/ADVANTAGE - Used for a car door mirror, arrest, bumper, inner panel, and housing, container, pallet, and cap for a business device, and an audio prod.. The moulded prod. is free from sink marks and has a good surface. The labour of finishing work is saved, and a moulded prod. with good appearance can be easily produced. The prod is free from warping and is light and rigid so a long or large moulded prod can be easily mfd. The moulding cycle is shortened

by shortening the cooling curing time, productivity is increased.

CHOSEN-DRAWING: Dwg.0/4

TITLE-TERMS: INJECTION MOULD PRODUCT CAR BUMPER CONTAINER
HOUSING MADE

THERMOPLASTIC ELASTOMER THERMOSETTING RESIN THICK PART
MOULD MADE

HOLLOW PREVENT SINK MARK REDUCE WEIGHT

DERWENT-CLASS: A32

CPI-CODES: A11-B12;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0010 0229 2020 2465 2510 2545 2604 2628 2646 2654 2763 2774 2778
2829 2851 3241 3300

Multipunch Codes: 014 03- 032 231 381 42& 437 456 461 473 476 54& 541 542 551
560 566 57& 575 581 582 596 602 641 649 672 720 022 202 246 251 254 260 262 264
265 276 277 277 282 285 324 330

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-017234